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LBNL 201 (10412981)

IN THE CLAIMS

DEC 05 2007

1-45 (canceled)

46. (new) A purified antibody which binds to an epitope consisting of SEQ ID NO: 1 which includes a phosphorylated threonine at position T2609 of human DNA-PKcs, wherein said antibody does not bind to the epitope when T2609 is not phosphorylated.

47. (new) The antibody of claim 46, wherein said antibody is a monoclonal antibody.

48. (new) The antibody of claim 47, wherein said monoclonal antibody is a human monoclonal antibody.